

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043892.D
 Acq On : 3 Jan 2020 17:57
 Operator : JU
 Sample : K6461-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-4

Quant Time: Jan 03 22:52:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

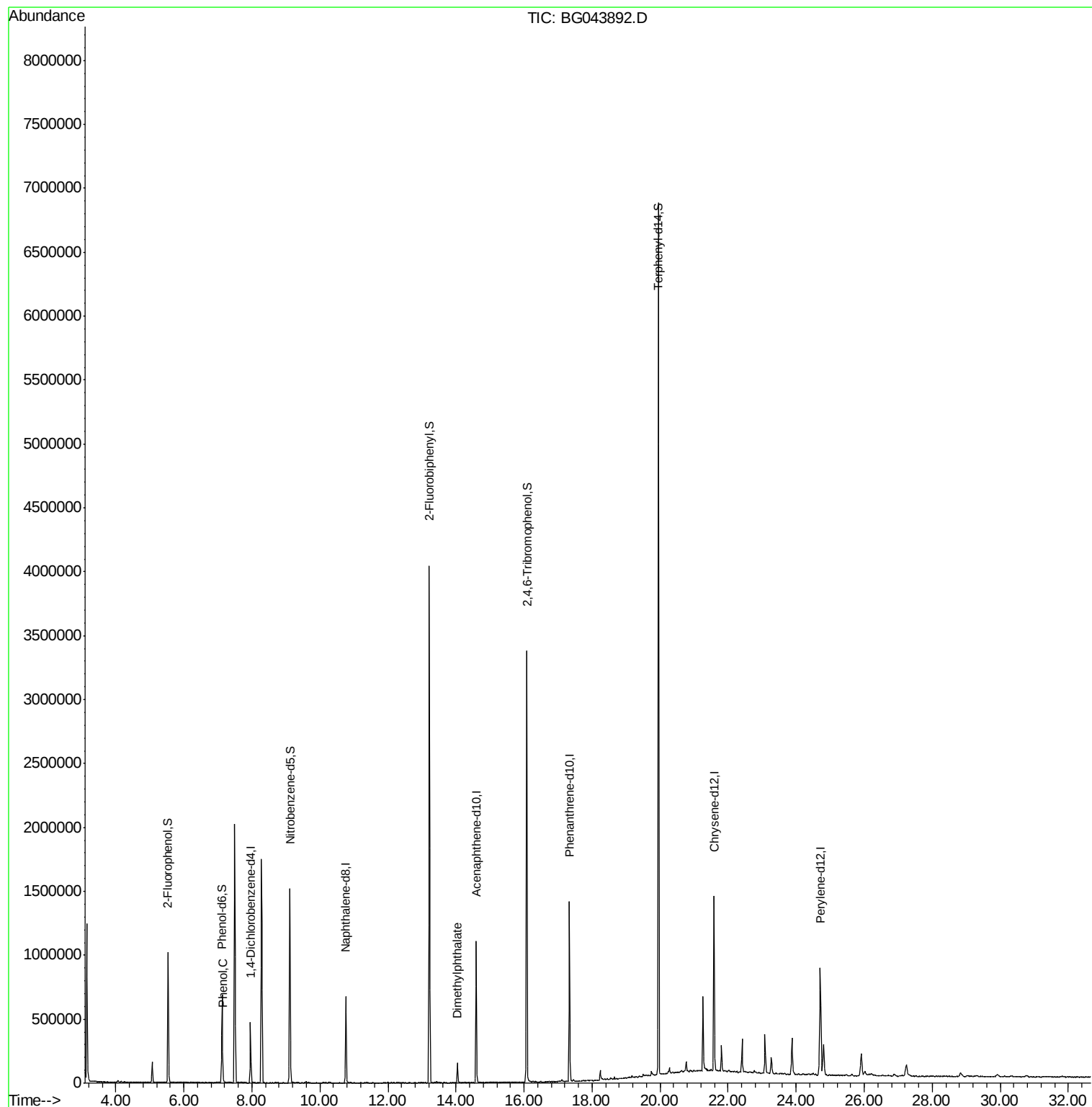
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	132465	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	578511	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	398469	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	876638	20.00	ng	0.00
76) Chrysene-d12	21.59	240	748454	20.00	ng	0.00
87) Perylene-d12	24.71	264	835178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	471372	65.34	ng	0.00
7) Phenol-d6	7.12	99	414731	41.13	ng	0.00
23) Nitrobenzene-d5	9.12	82	951614	88.00	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	601408	144.23	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1981796	90.11	ng	0.00
79) Terphenyl-d14	19.95	244	2672910	86.51	ng	0.00
Target Compounds						
10) Phenol	7.14	94	23919	2.302	ng	95
50) Dimethylphthalate	14.04	163	102464	3.622	ng	# 97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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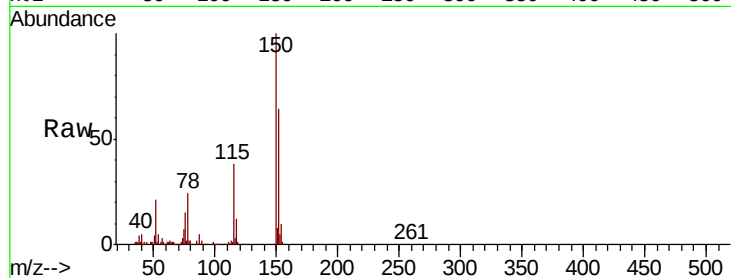


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043892.D
Acq: 3 Jan 2020 17:57

Instrument :
BNA_G
ClientSampleId :
GW-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.0	190.4
115	59.4	47.8	71.8

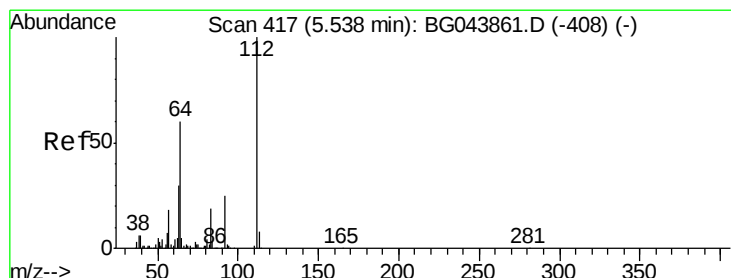
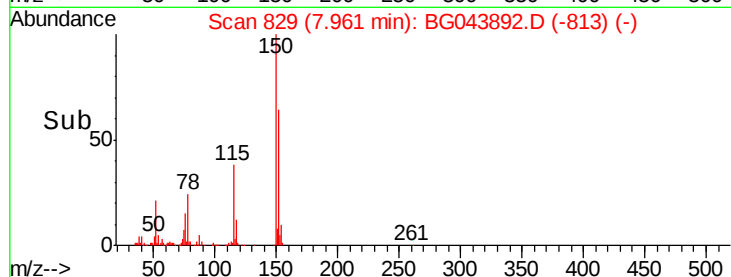
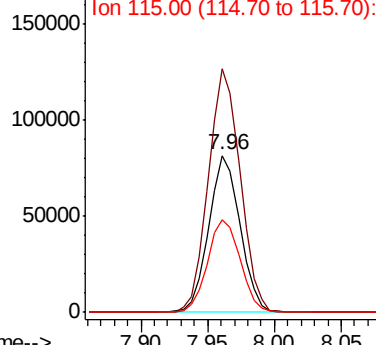


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

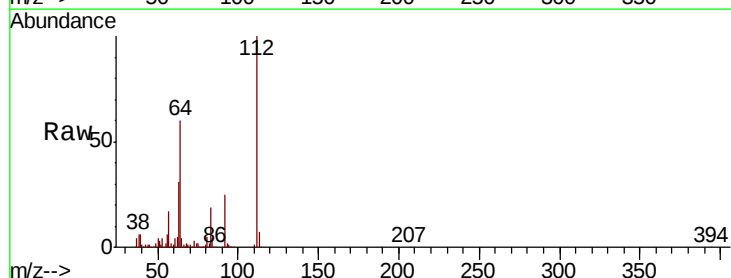
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.338 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG043892.D
Acq: 3 Jan 2020 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.8	71.6
63	30.7	24.3	36.5

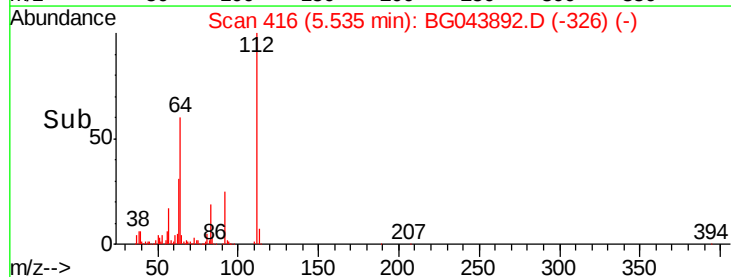
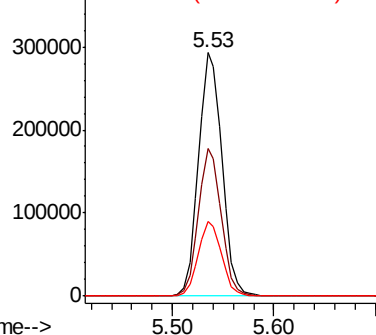


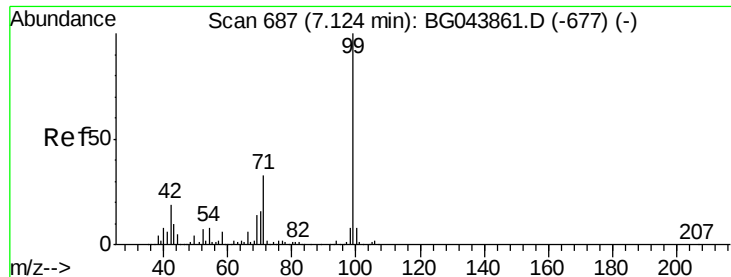
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.126 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG043892.D

Acq: 3 Jan 2020 17:57

Instrument :

BNA_G

ClientSampleId :

GW-4

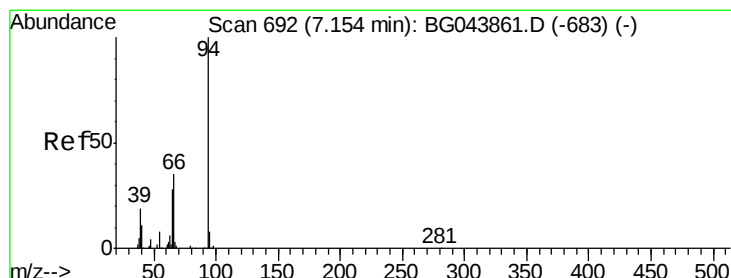
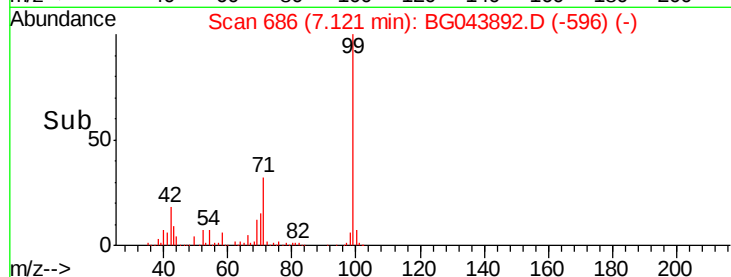
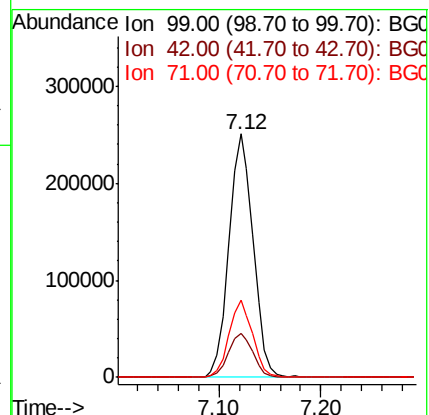
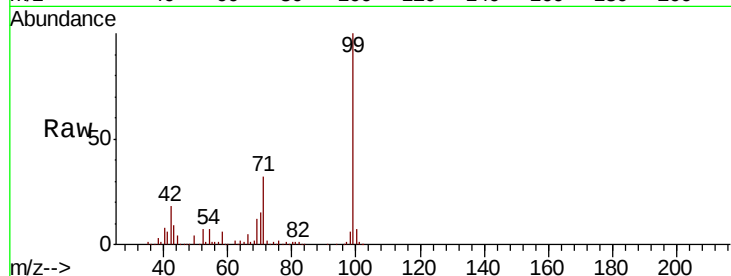
Tot Ion: 99 Resp: 414731

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

71 31.6 26.4 39.6



#10

Phenol

Concen: 2.302 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043892.D

Acq: 3 Jan 2020 17:57

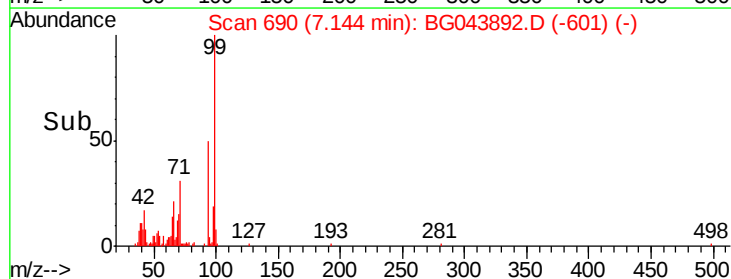
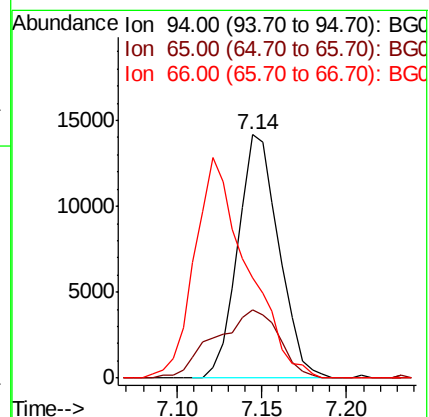
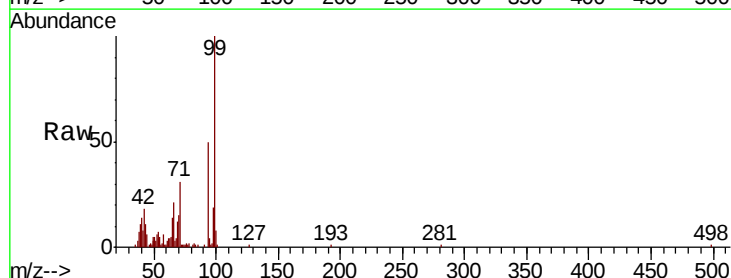
Tgt Ion: 94 Resp: 23919

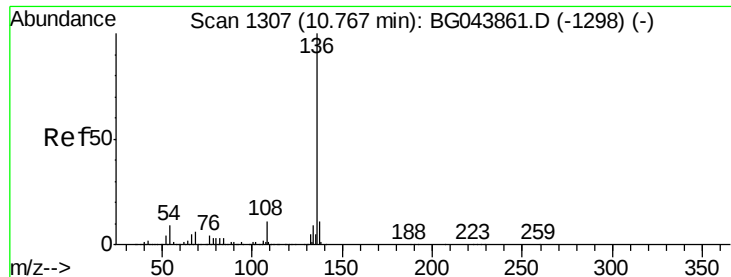
Ion Ratio Lower Upper

94 100

65 27.9 8.1 48.1

66 41.0 15.6 55.6

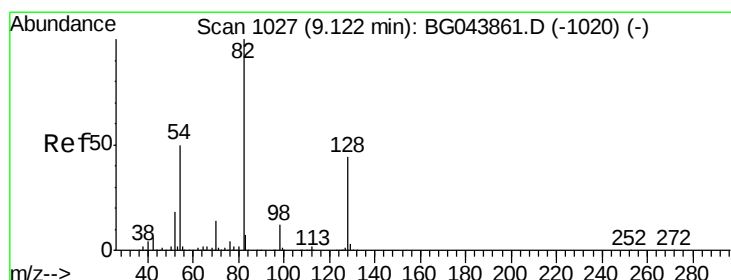
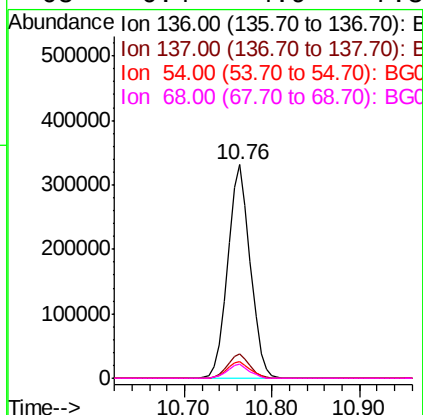
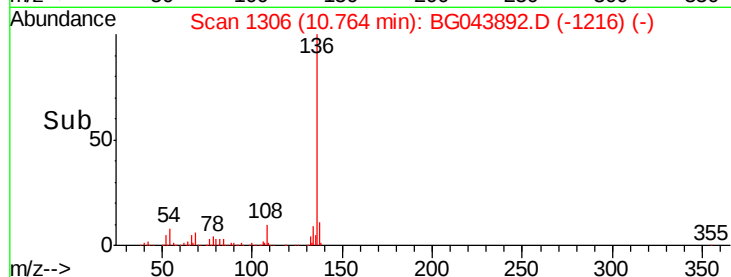
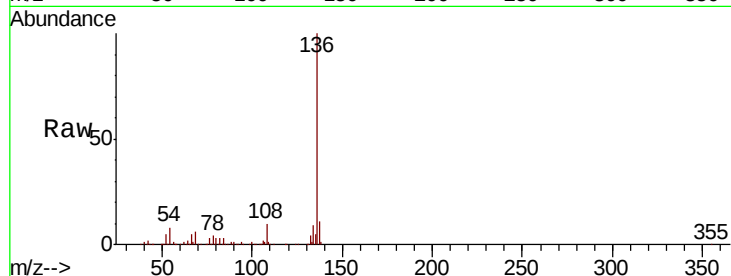




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043892.D
Acq: 3 Jan 2020 17:57

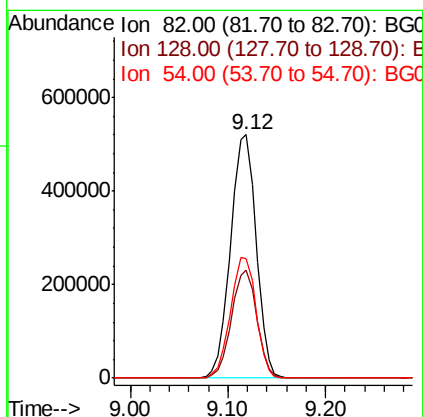
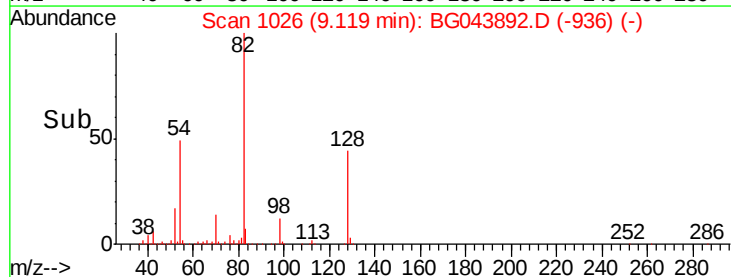
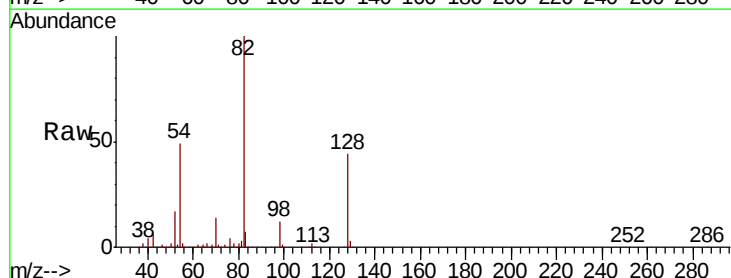
Instrument :
BNA_G
ClientSampleId :
GW-4

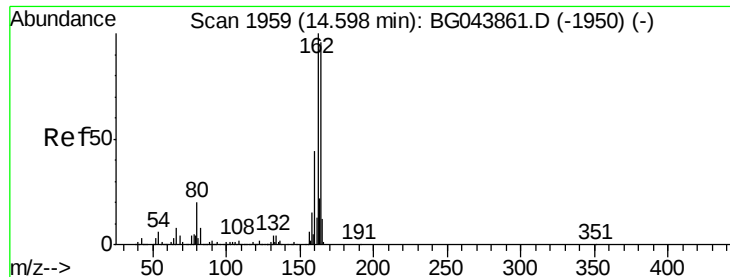
Tot Ion:136	Resp:	578511
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	8.1	7.0 10.4
68	6.4	4.9 7.3



#23
Nitrobenzene-d5
Concen: 87.997 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG043892.D
Acq: 3 Jan 2020 17:57

Tgt Ion: 82	Resp:	951614
Ion	Ratio	Lower Upper
82	100	
128	44.3	35.1 52.7
54	48.9	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043892.D

Acq: 3 Jan 2020 17:57

Instrument :

BNA_G

ClientSampleId :

GW-4

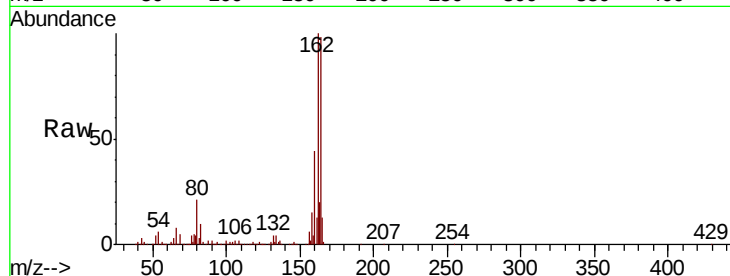
Tot Ion:164 Resp: 398469

Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.4

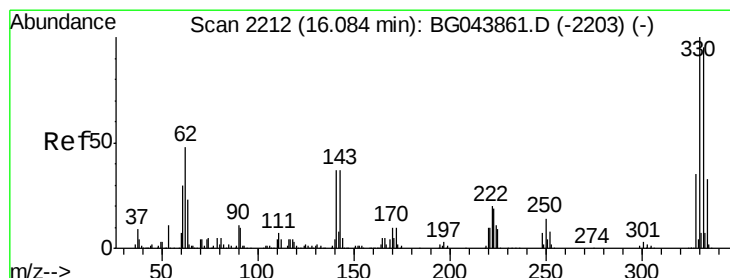
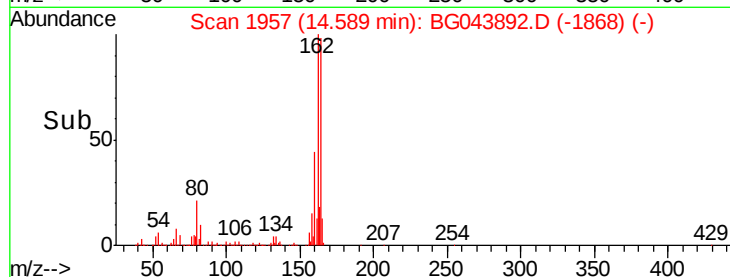
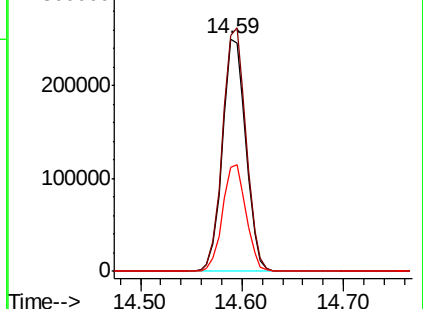
160 44.8 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 144.226 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043892.D

Acq: 3 Jan 2020 17:57

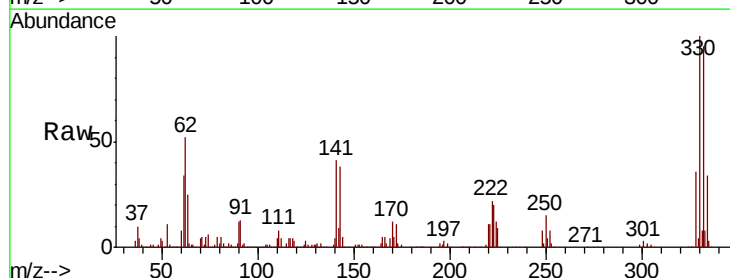
Tgt Ion:330 Resp: 601408

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

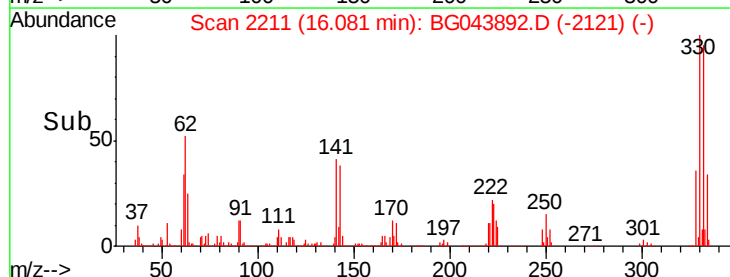
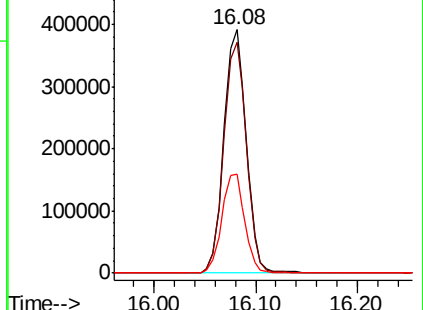
141 41.3 33.1 49.7

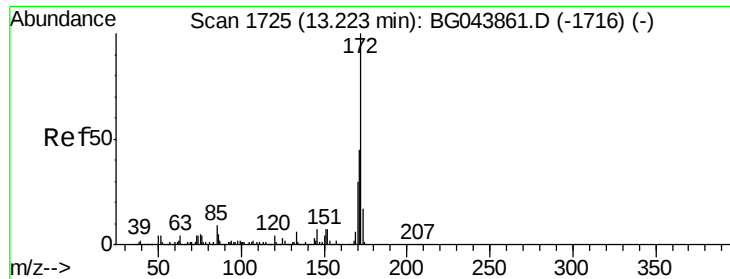


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

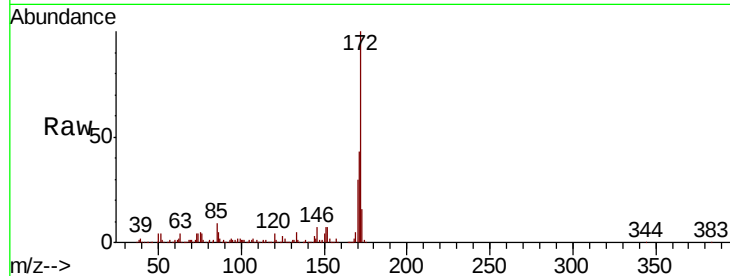




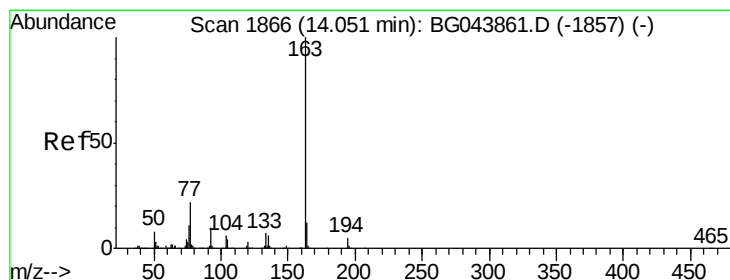
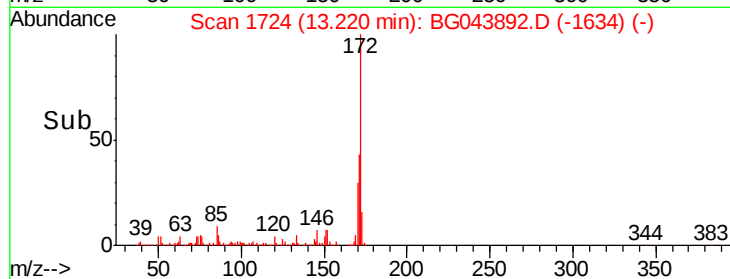
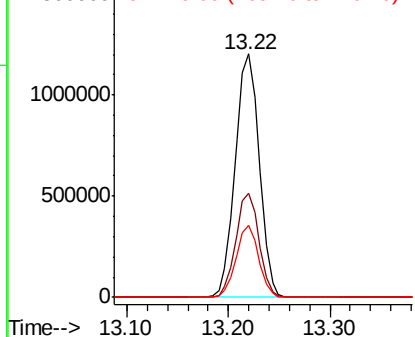
#45
2-Fluorobiphenyl
Concen: 90.109 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043892.D
Acq: 3 Jan 2020 17:57

Instrument :
BNA_G
ClientSampleId :
GW-4

Tot Ion:172 Resp: 1981796
Ion Ratio Lower Upper
172 100
171 42.7 35.8 53.8
170 29.5 24.2 36.4

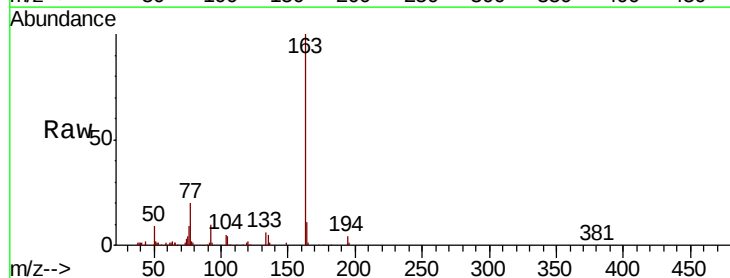


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

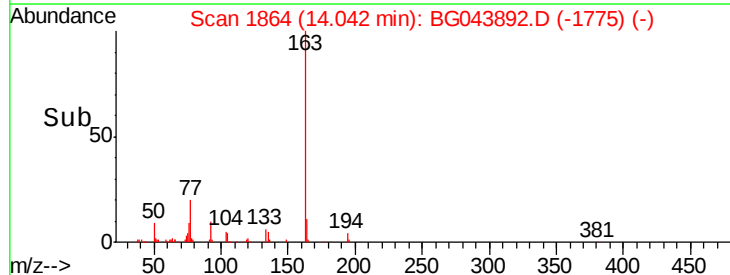
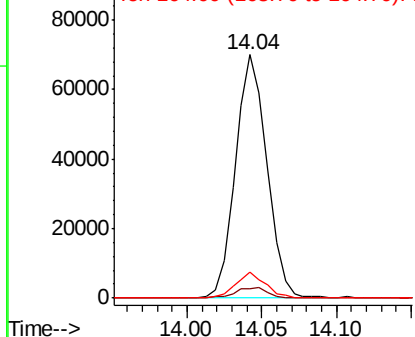


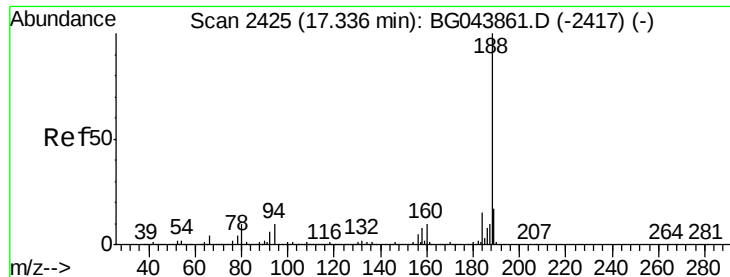
#50
Dimethylphthalate
Concen: 3.622 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG043892.D
Acq: 3 Jan 2020 17:57

Tgt Ion:163 Resp: 102464
Ion Ratio Lower Upper
163 100
194 3.6 3.7 5.5#
164 10.6 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

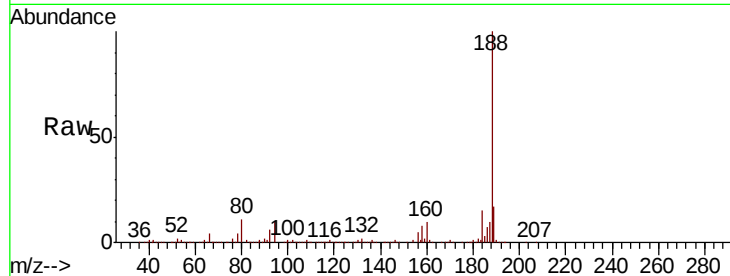




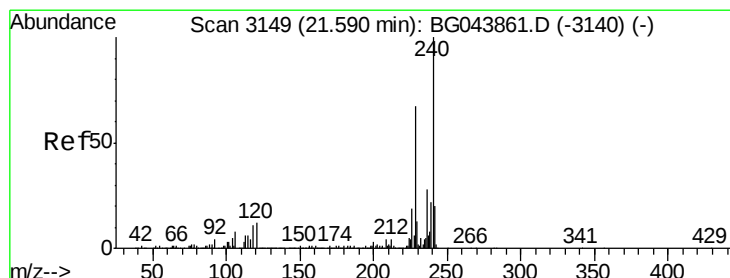
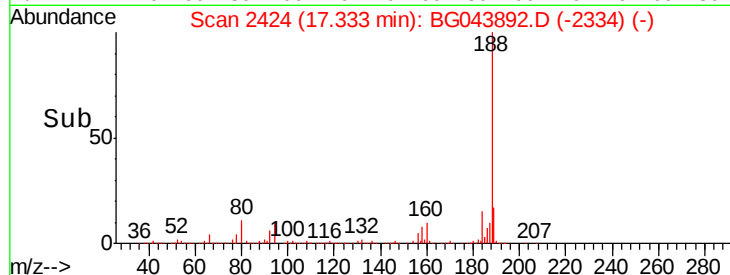
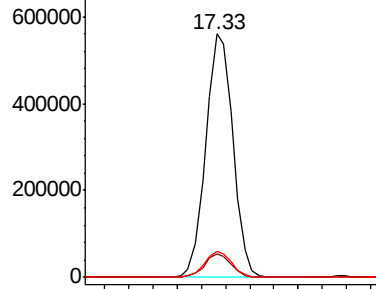
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG043892.D
Acq: 3 Jan 2020 17:57

Instrument :
BNA_G
ClientSampleId :
GW-4

Tot Ion:188 Resp: 876638
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.8 8.2 12.4

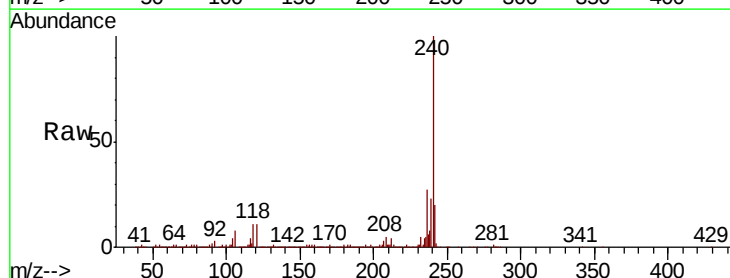


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

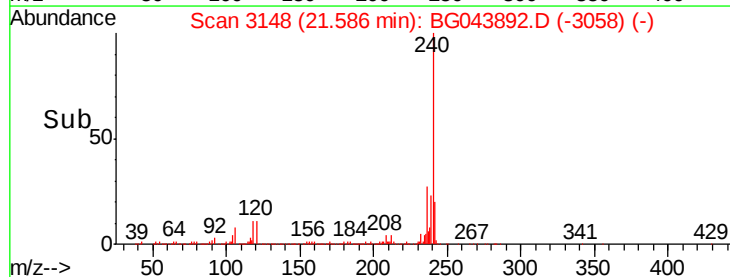
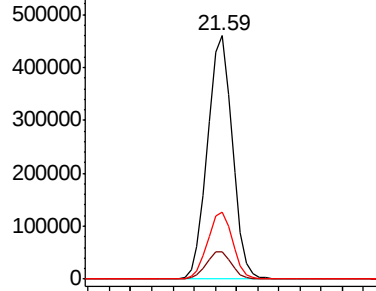


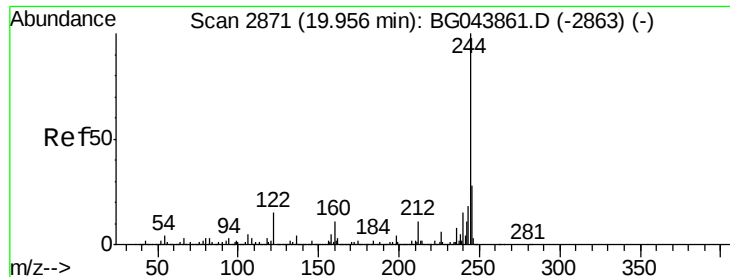
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG043892.D
Acq: 3 Jan 2020 17:57

Tgt Ion:240 Resp: 748454
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 27.4 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.508 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043892.D

Acq: 3 Jan 2020 17:57

Instrument :

BNA_G

ClientSampleId :

GW-4

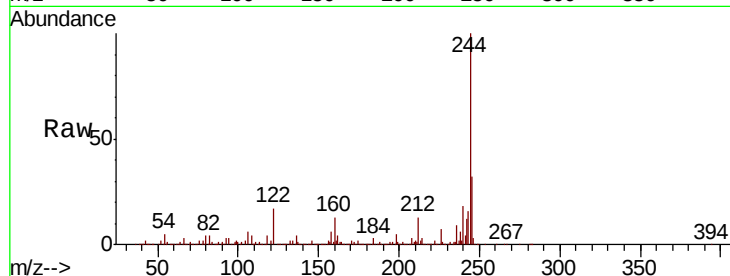
Tot Ion:244 Resp: 2672910

Ion Ratio Lower Upper

244 100

212 12.8 8.6 13.0

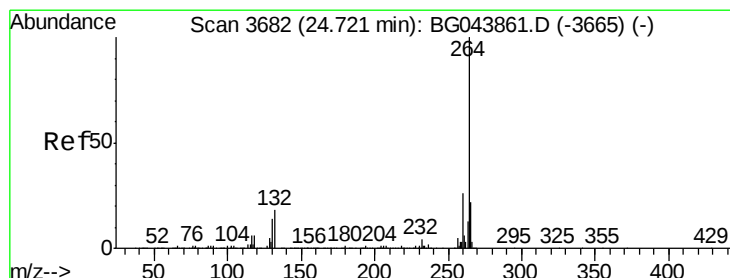
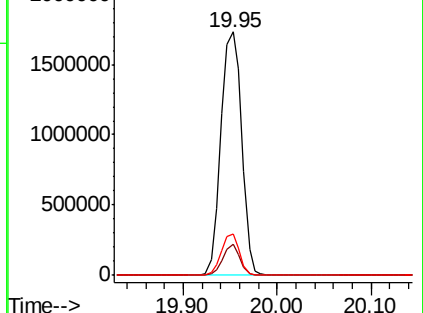
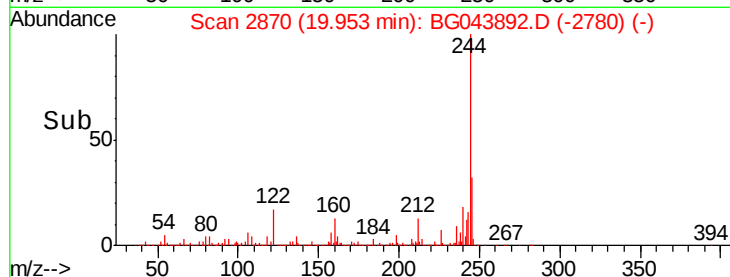
122 17.1 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043892.D

Acq: 3 Jan 2020 17:57

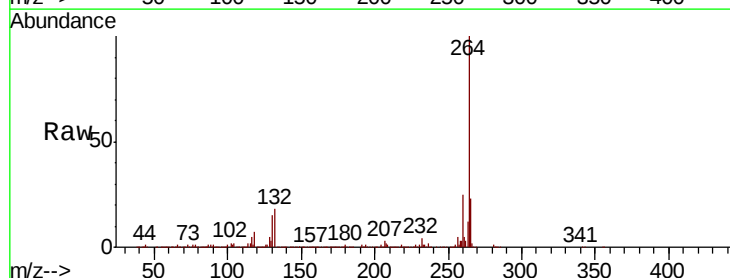
Tgt Ion:264 Resp: 835178

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

265 23.1 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

